BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/01/2015-16, Date:04.01.2016 **Indent No.20637**

SCHEDULE-B

NAME OF WORK: Drilling bore wells at W.no.12 Shetty halli Sub division

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor **R SHIVARAM**		
				In Figures (Rs.)	In Words (Rs.)	Cont. AMOUNT
1	2	3	4	5	6	7
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc complete as per specfication & as per direction of Engineer-in-charge	Nos	3	1816.0	Rupees One Thousand Eight Hundred Sixteen Only	5448.00
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) complete as per specfication & as per direction of Engineer-in-charge 0.00 to 50.00 Mtr.	Mtr	150	296.0	Rupees Two Hundred Ninety Six Only	44400.00
3	50.00 to 100.00 Mtr.	Mtr	150	386.0	Rupees Three Hundred Eighty Six Only	57900.00
4	100.00 to 150.00 Mtr.	Mtr	150	430.0	Rupees Four Hundred Thirty Only	64500.00
5	150.00 to 200.00 Mtr.	Mtr	150	454.0	Rupees Four Hundred Fifty Four Only	68100.00

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6	200.00 to 250.00 Mtr.	Mtr	150	525.0	Rupees Five Hundred Twenty Five Only	78750.00
7	250.00 to 300.00 Mtr.	Mtr	150	563.0	Rupees Five Hundred Sixty Three Only	84450.00
8	300.00 to 350.00 Mtr.	Mtr	150	600.0	Rupees Six Hundred Only	90000.00
9	PVC pipes 6kg/sqm 250mm outer dia complete as per specfication & as per direction of Engineer-in-charge	each	45	1031.0	Rupees One Thousand Thirty One Only	46395.00
10	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) complete as per specfication & as per direction of Engineer-in-charge	Mtr	240	1278.0	Rupees One Thousand Two Hundred Seventy Eight Only	306720.00
11	175 mm dia M.S. Casing cap complete as per specfication & as per direction of Engineer-in-charge	Each	25	94.0	Rupees Ninety Four Only	2350.00
12	supply of 175mm M.S collars each complete as per specfication & as per direction of Engineer-in-charge	Each	150	141.0	Rupees One Hundred Forty One Only	21150.00
13	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000. HP 30 stage complete as per specfication & as per direction of Engineer-in-charge	set	3	66232.0	Rupees Sixty Six Thousand Two Hundred Thirty Two Only	198696.00

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14	supplng and fixing ISI marked Galavanised nild stell tube (conteneous welded electrical resisitance welded (ERW) HI freezuency inclucation whelded hot finished we with latest amendments, pipes threded at both aend the other end procte with HD colled as per specification in random lenghts 4 to 7 confirming to is 1239/part 1990 with amendement 1-5 and with all its latest amendement if any : the pipe suppiled ahould be with BIS mark galvanised iron pipes :ISI 239(part-1) 1990 50mm dia "C" class (heavy duty collar)(PRED banglore =circle rate dated 26.07.2010) complete as per specfication & as per direction of Engineer-in-charge	Rmtr	900	197.0	Rupees One Hundred Ninety Seven Only	177300.00
15	suppling & fixing 50mm dia GI collar heavy duty (PRED SE approved rates 12.133 pg no.III/78	Rmtr	184	197.0	Rupees One Hundred Ninety Seven Only	36248.00
16	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia , Group A complete as per specfication & as per direction of Engineer-in-charge	Mtr	1980	149.0	Rupees One Hundred Forty Nine Only	295020.00
17	supplying and fixing of 50mm dia GI union ISI mark complete as per specfication & as per direction of Engineer-in-charge	Nos	3	209.0	Rupees Two Hundred Nine Only	627.00
18	supplying and fixing of 50mm dia GI Nipple with ISI mark complete as per specfication & as per direction of Engineer-in-charge	mtr	9	98.0	Rupees Ninety Eight Only	882.00
19	KSRB 13-7-.2-1: providing and fixing in position 50mm nominal bore gun metal non return vaule vertical type of approved make including cost of all materials labour and HOM of equipments with all leads complete as per specifications complete as per specfication & as per direction of Engineer-in-charge	mtr	3	1073.0	Rupees One Thousand Seventy Three Only	3219.00
20	supply and fixing 50mm dia Elbow with ISI mark complete as per specfication & as per direction of Engineer-in-charge	mtr	9	104.0	Rupees One Hundred Four Only	936.00
21	Suppyling of TPST with rewireable procelain channels in SM incloser 3amps complete as per specfication & as per direction of Engineer-in-charge	nos	3	1751.0	Rupees One Thousand Seven Hundred Fifty One Only	5253.00

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22	suppling and fixing polished wood brand made of not less than 15mm thicl plank on both sides made out of non more than 2 pieces and fixing the same wall using tapperd inverted wooden plugs,raws,screws etc.(20x20x2.5 complete as per specfication & as per direction of Engineer-in-charge	nos	3	283.0	Rupees Two Hundred Eighty Three Only	₹ 849.00
23	suppyling and fixing and wiring heavy duty low voltage capacitos conforming to IS 2834.3 phase 400/400 volts grade . For power factor improvement of rotating machinery coast per KVAR b group Bup to 5KVAR complete as per specfication & as per direction of Engineer-in-charge	nos	3	130.0	Rupees One Hundred Thirty Only	390.00
24	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 5 to 32 Amps DP complete as per specfication & as per direction of Engineer-in-charge	nos	3	392.0	Rupees Three Hundred Ninety Two Only	1176.00
25	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia complete as per specfication & as per direction of Engineer-in-charge	nos	3	2556.0	Rupees Two Thousand Five Hundred Fifty Six Only	7668.00
26	Supplying and fixing Class-A (medium duty)GI Pipe of wall thickness not less than 3.25mm on pole?wall .drain crosssing with necessary clamping arrangments for UG Cable of 1.1 KV class 40mm complete as per specfication & as per direction of Engineer-in-charge	Mtr	3	324.0	Rupees Three Hundred Twenty Four Only	972.00
27	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4class B PVC Cable core 16 sqmm complete as per specfication & as per direction of Engineer-in-charge	Mtr	45	132.0	Rupees One Hundred Thirty Two Only	5940.00
28	Digging of trenches of 60 x 50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces complete as per specfication & as per direction of Engineer-in-charge	Mtr	30	100.0	Rupees One Hundred Only	3000.00

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29	Labour charges for laying 1.1KV class UG cable when supplying departmentally/agency in excisting trench GI pipe /stone ware pipe /on wall /on pole as required a 6sqmm to 16sqmm complete as per specfication & as per direction of Engineer-in-charge	rmt	30	10.8	Rupees Ten and Eighty Paise Only	324.00
30	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc,4 core 16sqmm (ele SR of 14&15 pg-62/7,ino 13.2)	nos	9	263.0	Rupees Two Hundred Sixty Three Only	2367.00
31	supplying of porcelain fuse channel with cutouts 32amp complete as per specfication & as per direction of Engineer-in-charge	nos	9	169.0	Rupees One Hundred Sixty Nine Only	1521.00
32	Earthwork excavation for pipe line trenches including depositing on bank upto a lead of 50m including shorting and strutting ,danger lighting and using sight rails and bonding roads at every 100m wherever necessary as directeding the following starta manual means 75mm dia 6kg/cm2 complete as per specfication & as per direction of Engineer-in-charge	Cum	455.62	127.0	Rupees One Hundred Twenty Seven Only	57863.74
33	62mm dia 6kg/cm2	Cum	455.62	177.0	Rupees One Hundred Seventy Seven Only	80644.74
34	Providing and installing at site of work PVC Pipes of 2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete 75mm dia 6kg/cm2	Mtr	1220	98.0	Rupees Ninety Eight Only	119560.00
35	62mm dia 6kg/cm2	Mtr	675	116.0	Rupees One Hundred Sixteen Only	78300.00
36	Gate value 50mm nominal type A)50mm dia complete as per specfication & as per direction of Engineer-in-charge	nos	30	1500.0	Rupees One Thousand Five Hundred Only	45000.00

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37	A)65mm dia	nos	18	1921.0	Rupees One Thousand Nine Hundred Twenty One Only	34578.00
38	Gunmetal non return valve 50mm nominal bore vertical type complete as per specfication & as per direction of Engineer-in-charge	nos	120	1127.0	Rupees One Thousand One Hundred Twenty Seven Only	135240.00
39	KSRB 2-4 Refilling available earth around pipe lines, trenches with slected available earth from trench excavation including watering,consolidation in layers of 15cms thick including disposing of surpuls earth eith alead 200mtr complete as per specfication & as per direction of Engineer-in-charge	Cum	877.75	58.0	Rupees Fifty Eight Only	50909.50
					Total	2214646.98
					Percentage	-6.21%

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Dasarahalli Division,

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